

Supplementary Information

Synthesis and Antimicrobial Activity of Glycosylated 2-Aryl-5-amidinobenzimidazoles

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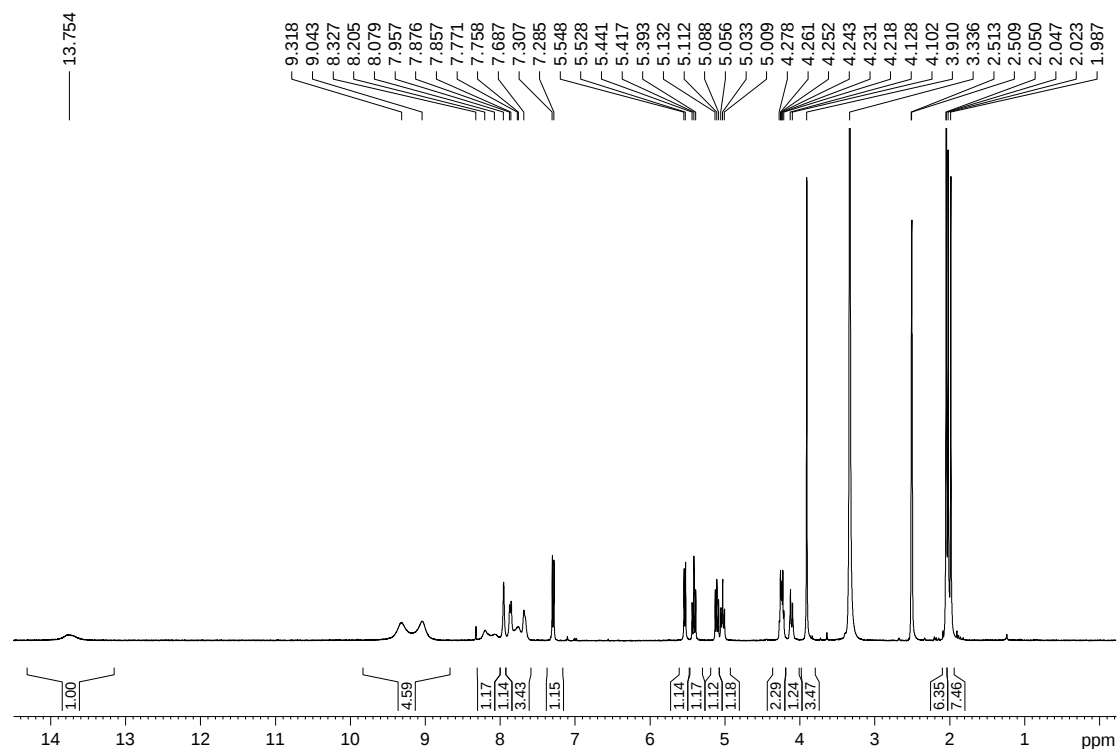


Figure S1. ¹H NMR spectrum (400 MHz, DMSO-*d*₆) of compound **15**.

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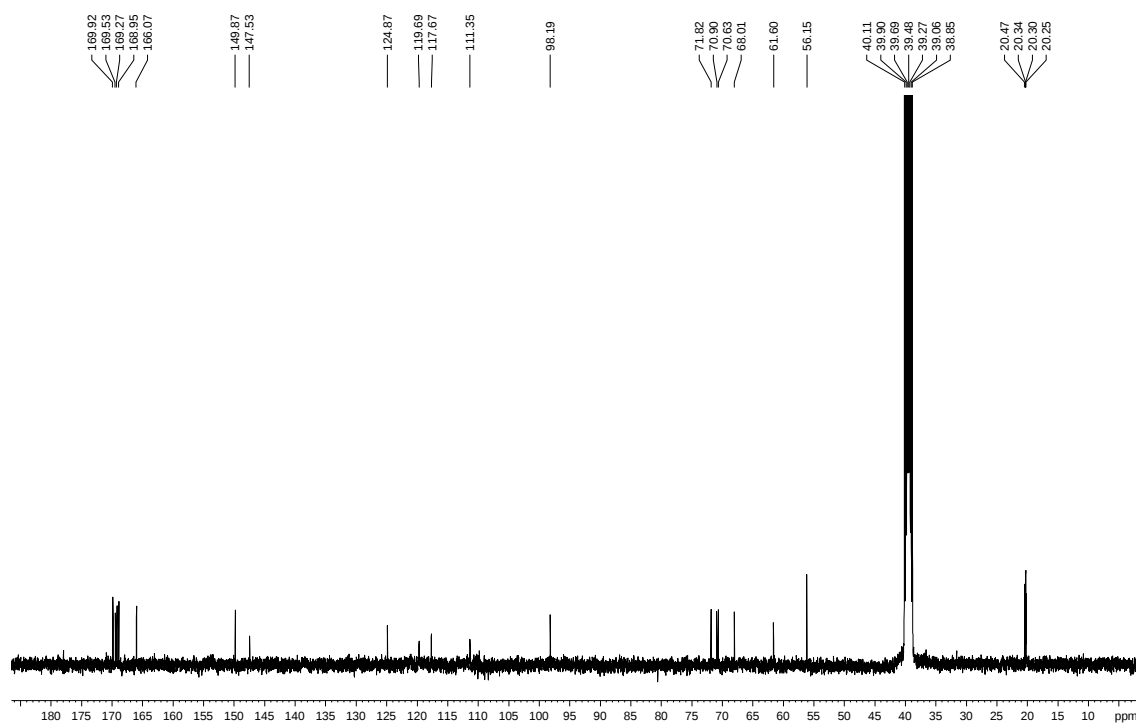


Figure S2. ^{13}C NMR spectrum (100 MHz, $\text{DMSO}-d_6$) of compound **15**.

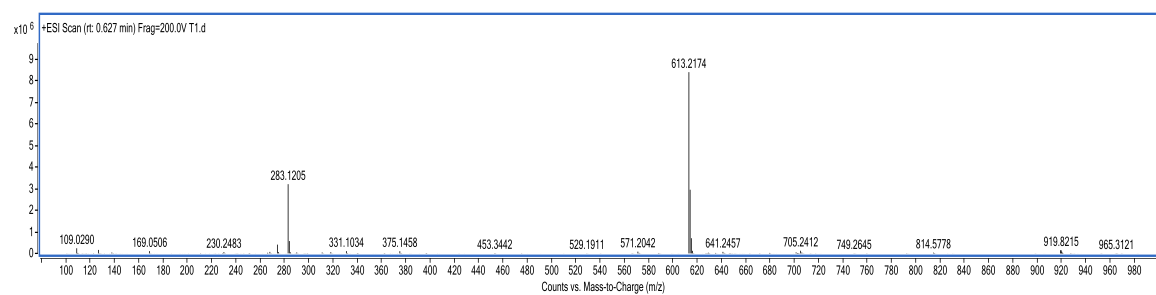


Figure S3. HRMS spectrum of compound **15**.

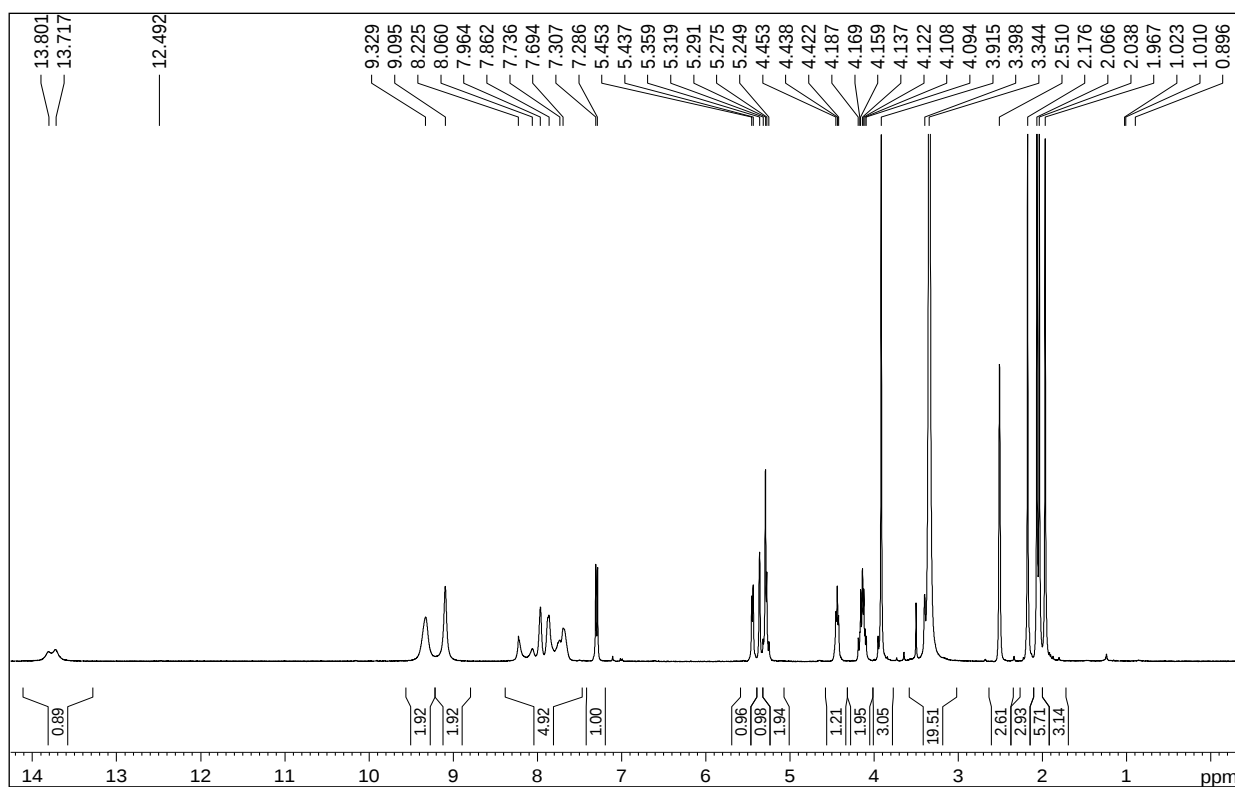


Figure S4. ¹H NMR spectrum (400 MHz, DMSO-*d*₆) of compound 16.

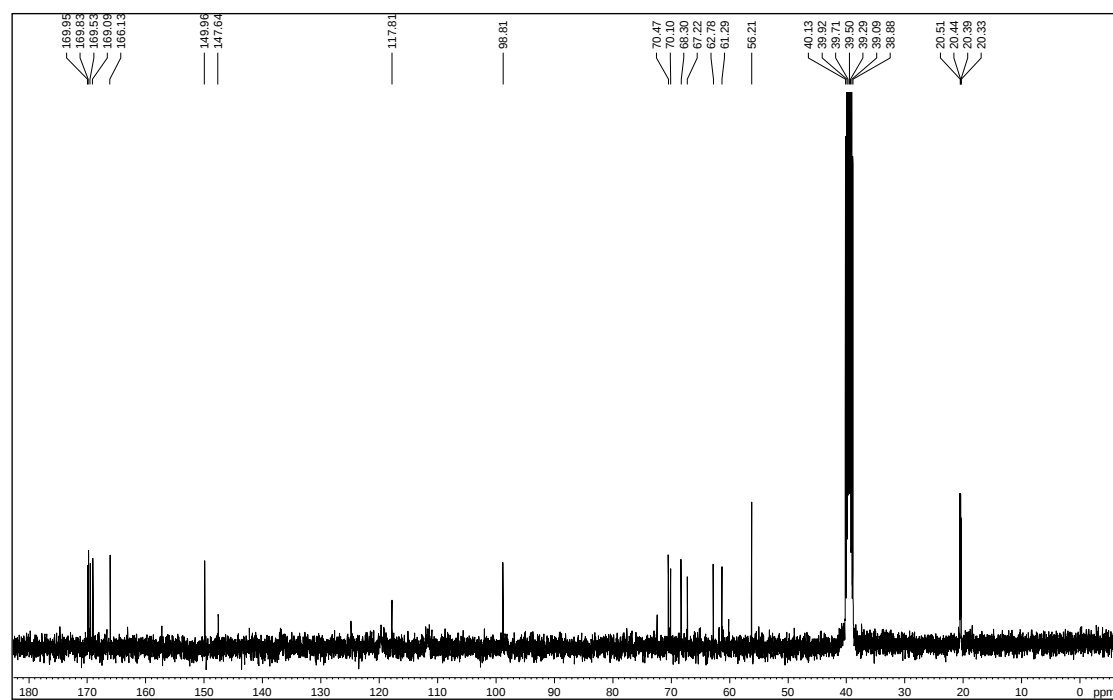


Figure S5. ¹³C NMR spectrum (100 MHz, DMSO-*d*₆) of compound 16.

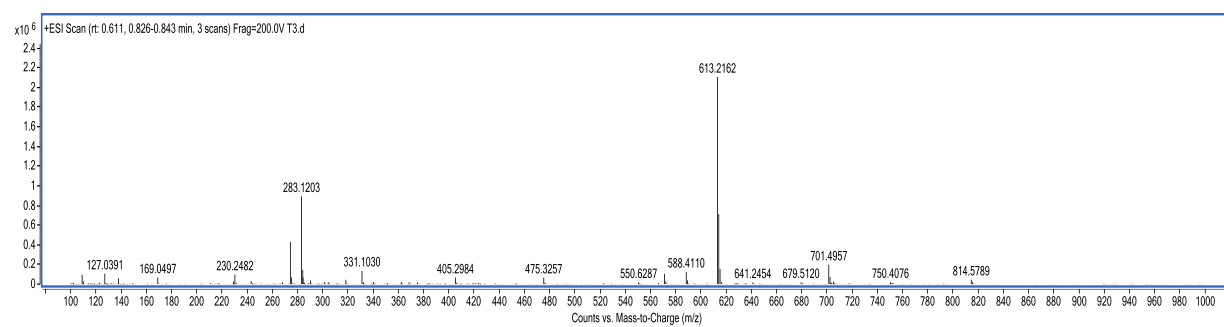


Figure S6. HRMS spectrum of compound 16.

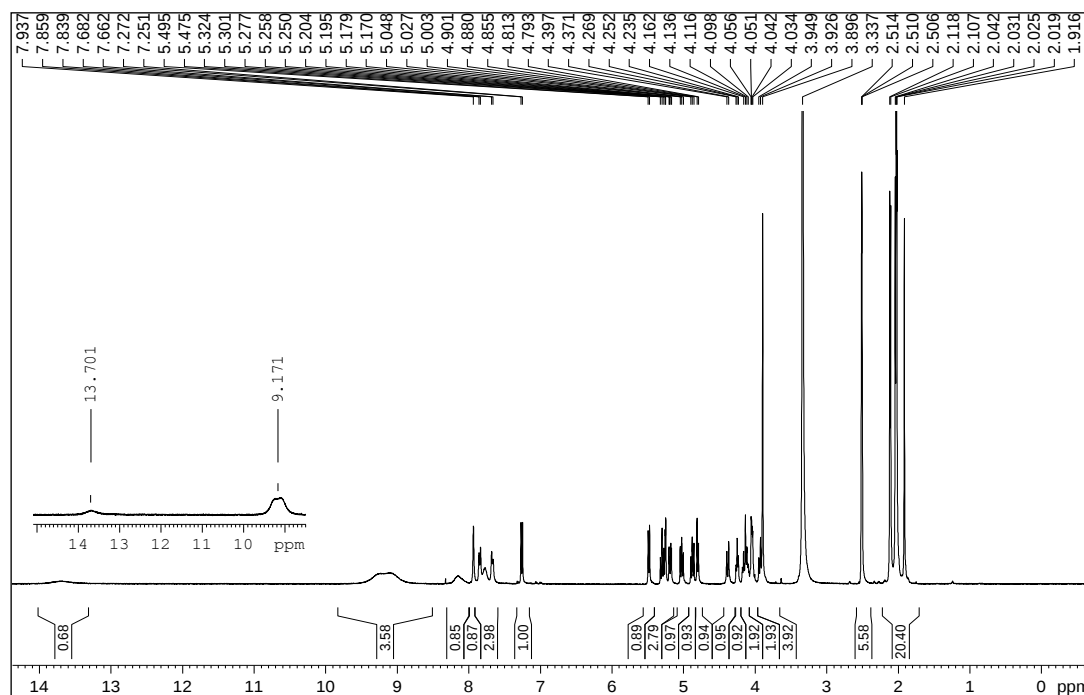


Figure S7. ^1H NMR spectrum (400 MHz, $\text{DMSO}-d_6$) of compound 17.

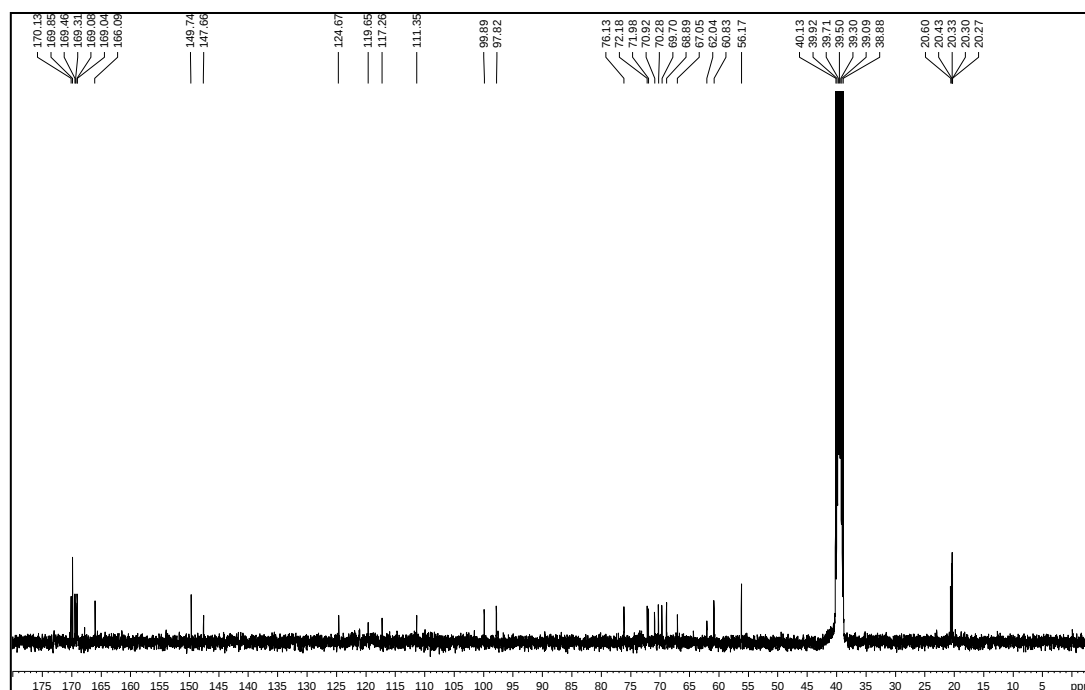


Figure S8. ^{13}C NMR spectrum (100 MHz, $\text{DMSO}-d_6$) of compound **17**.

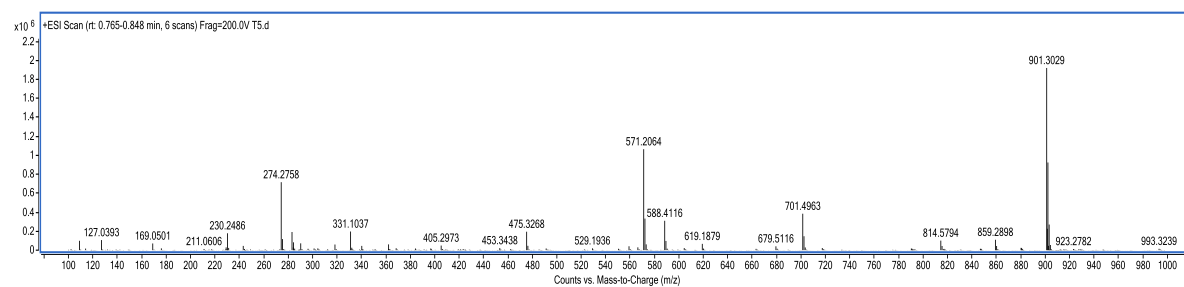


Figure S9. HRMS spectrum of compound **17**.

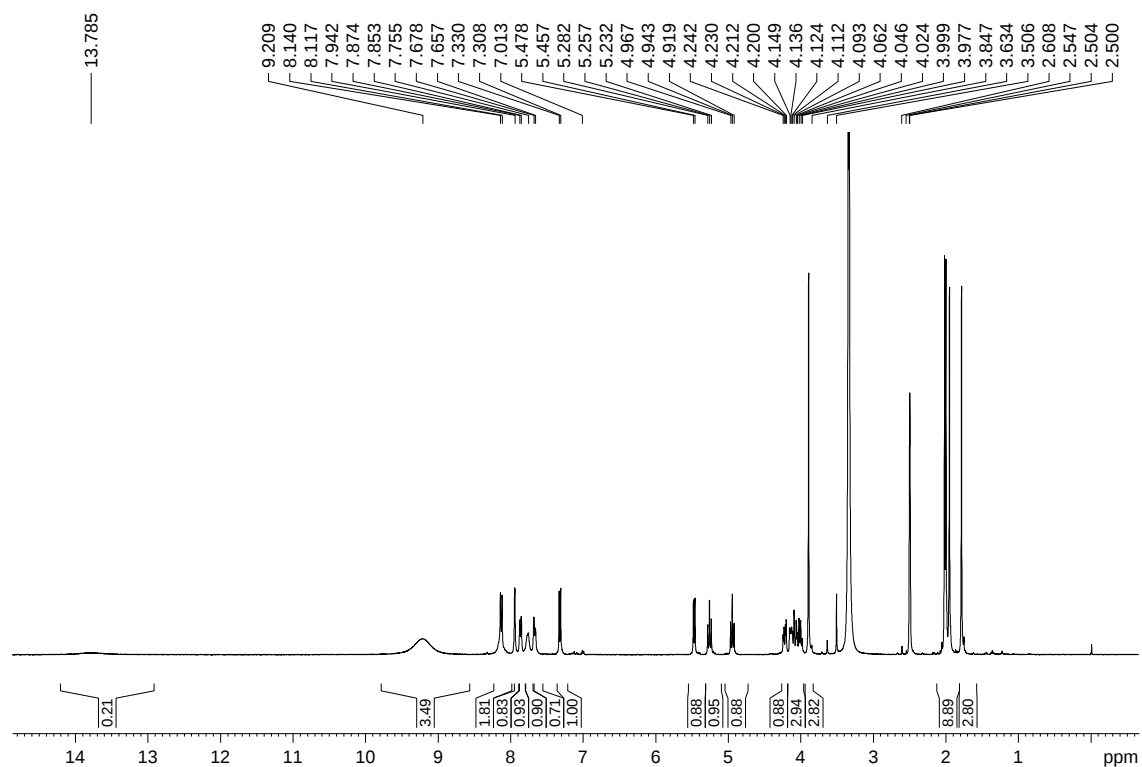


Figure S10. ¹H NMR spectrum (400 MHz, DMSO-*d*₆) of compound **18**.

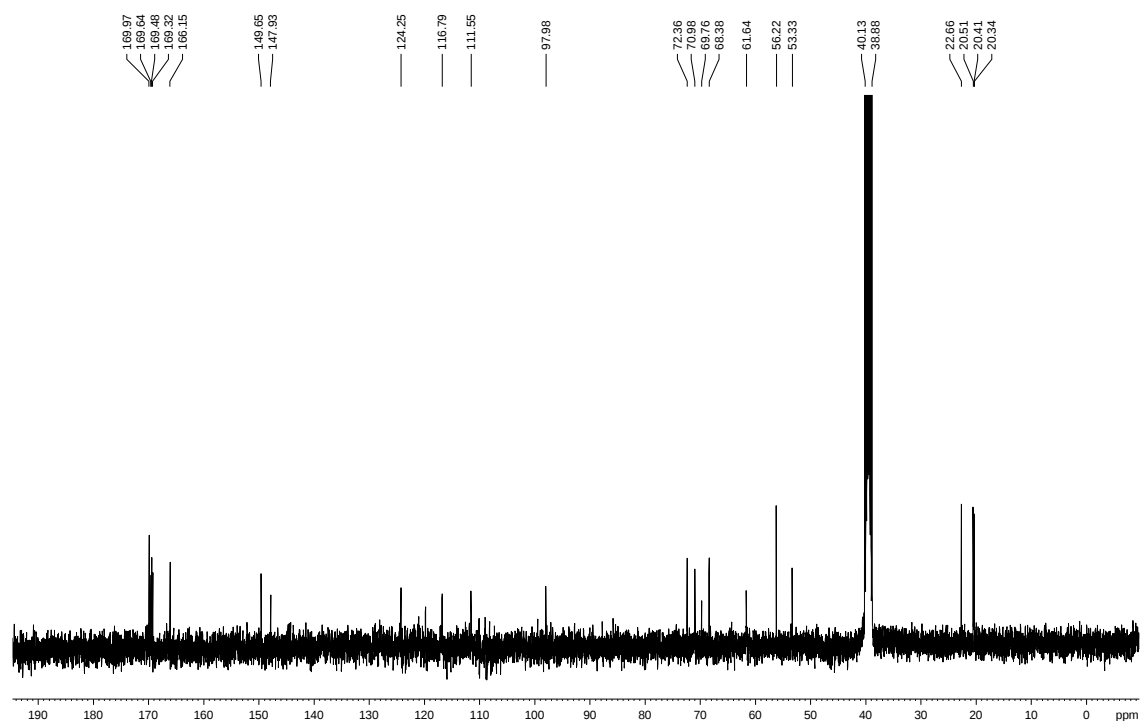


Figure S11. ¹³C NMR spectrum (100 MHz, DMSO-*d*₆) of compound **18**.

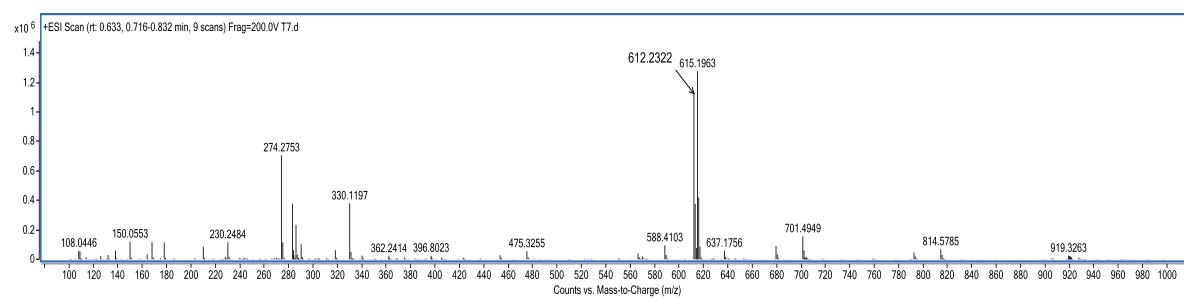


Figure S12. HRMS spectrum of compound **18**.

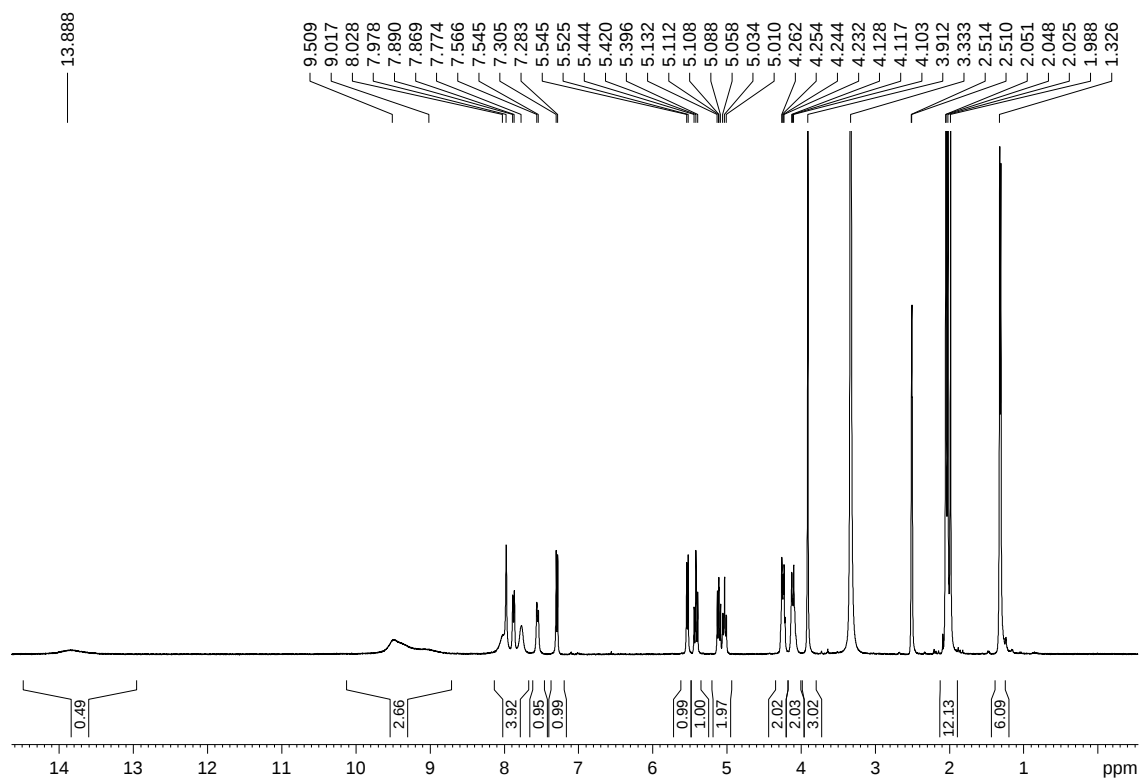


Figure S13. ^1H NMR spectrum (400 MHz, $\text{DMSO}-d_6$) of compound **19**.

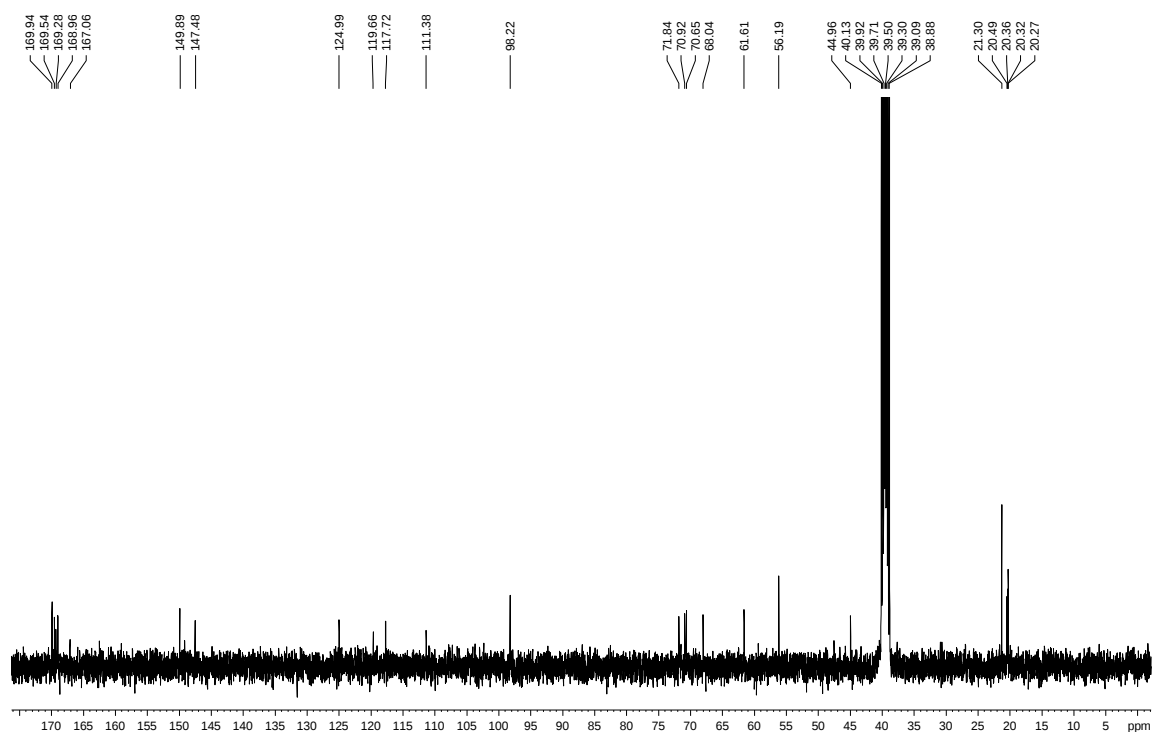


Figure S14. ¹³C NMR spectrum (100 MHz, DMSO-*d*₆) of compound **19**.

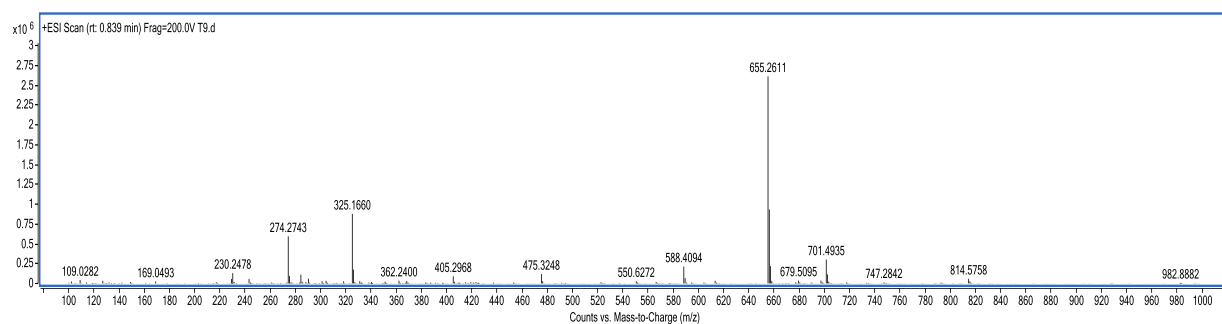


Figure S15. HRMS spectrum of compound **19**.

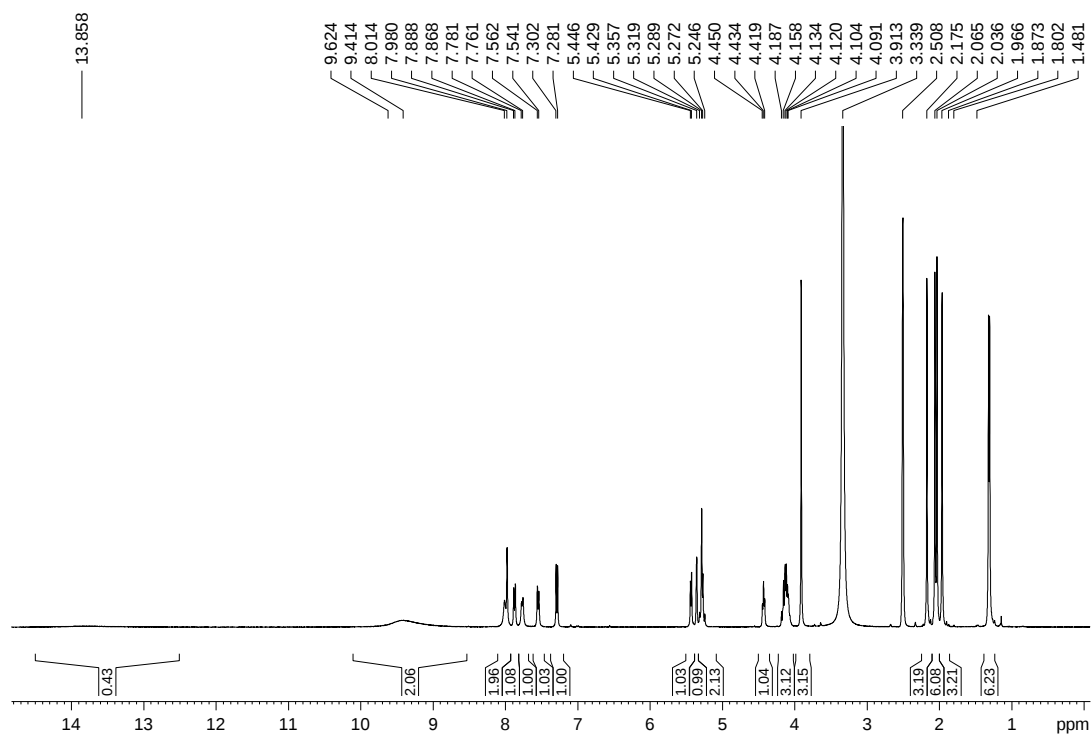


Figure S16. ¹H NMR spectrum (400 MHz, DMSO-*d*₆) of compound **20**.

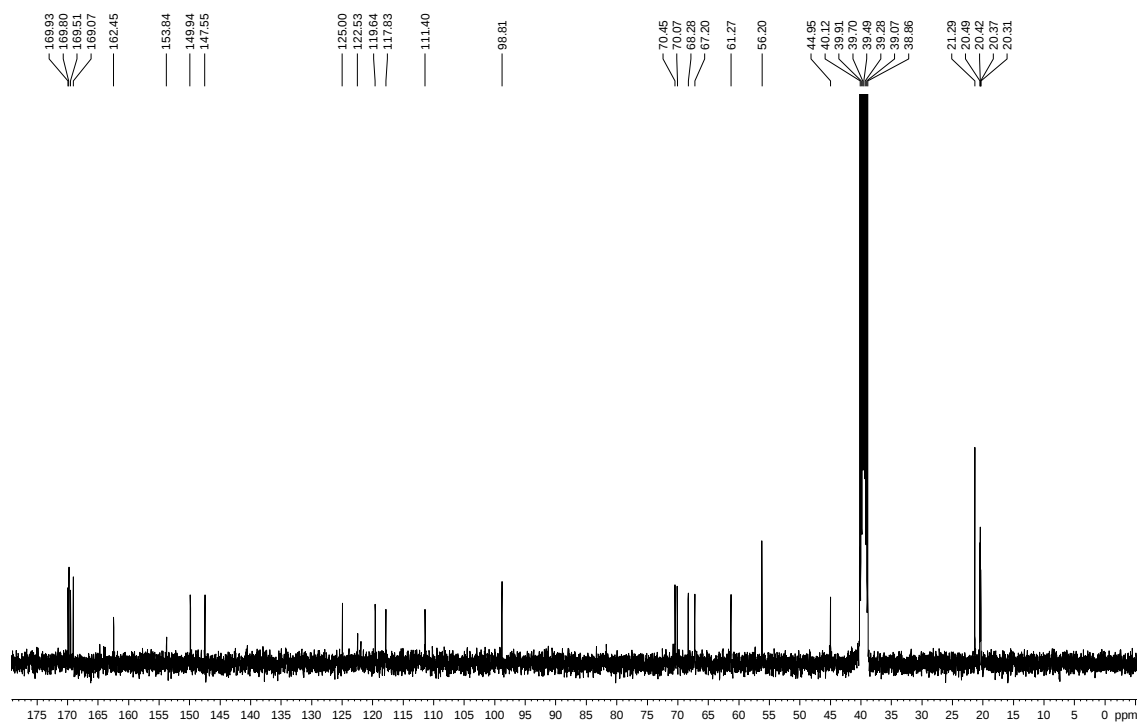


Figure S17. ¹³C NMR spectrum (100 MHz, DMSO-*d*₆) of compound **20**.

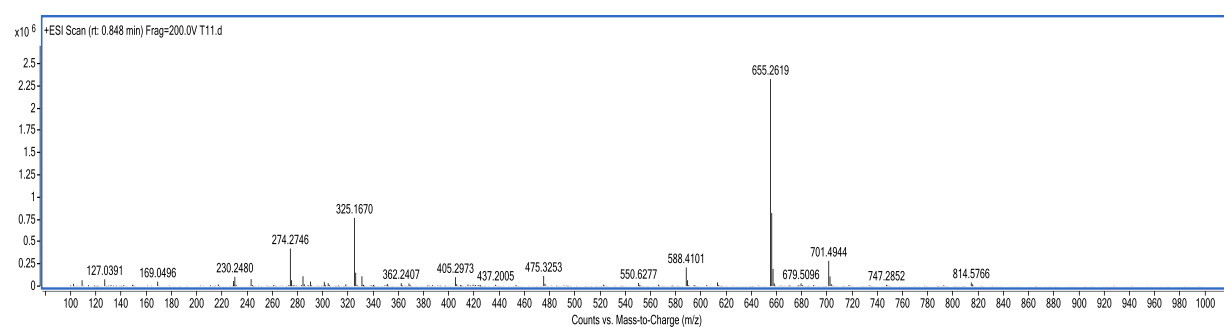


Figure S18. HRMS spectrum of compound **20**.

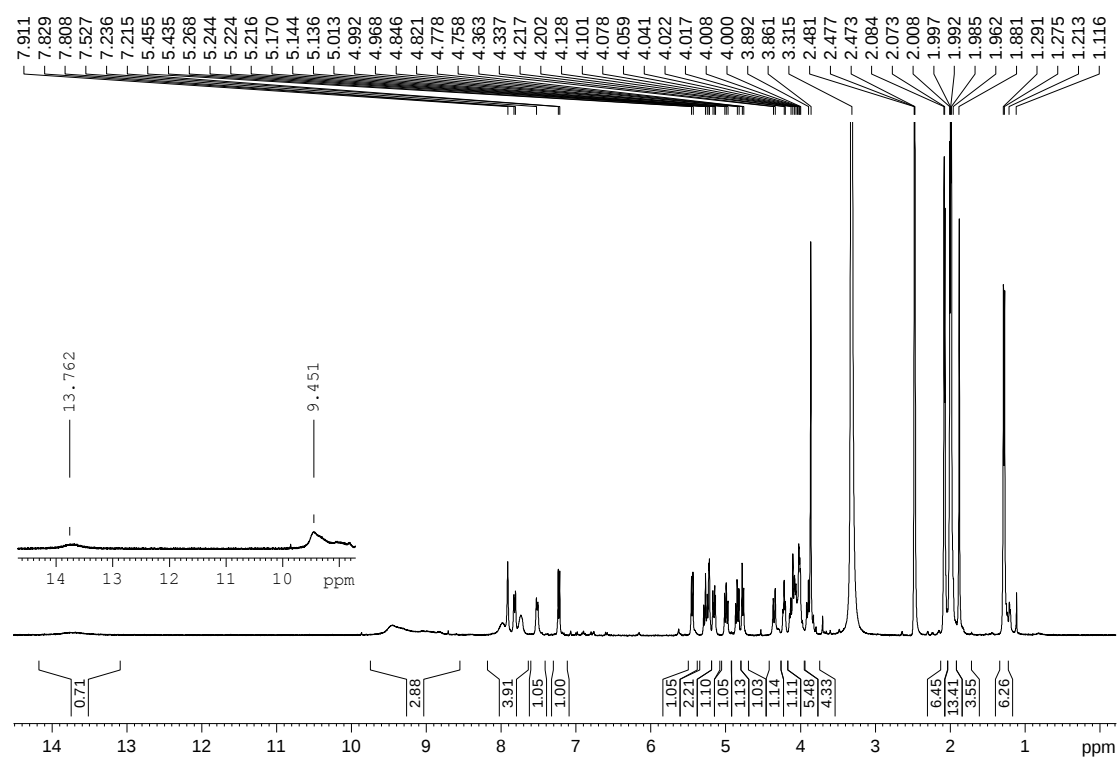


Figure S19. ^1H NMR spectrum (400 MHz, $\text{DMSO}-d_6$) of compound **21**.

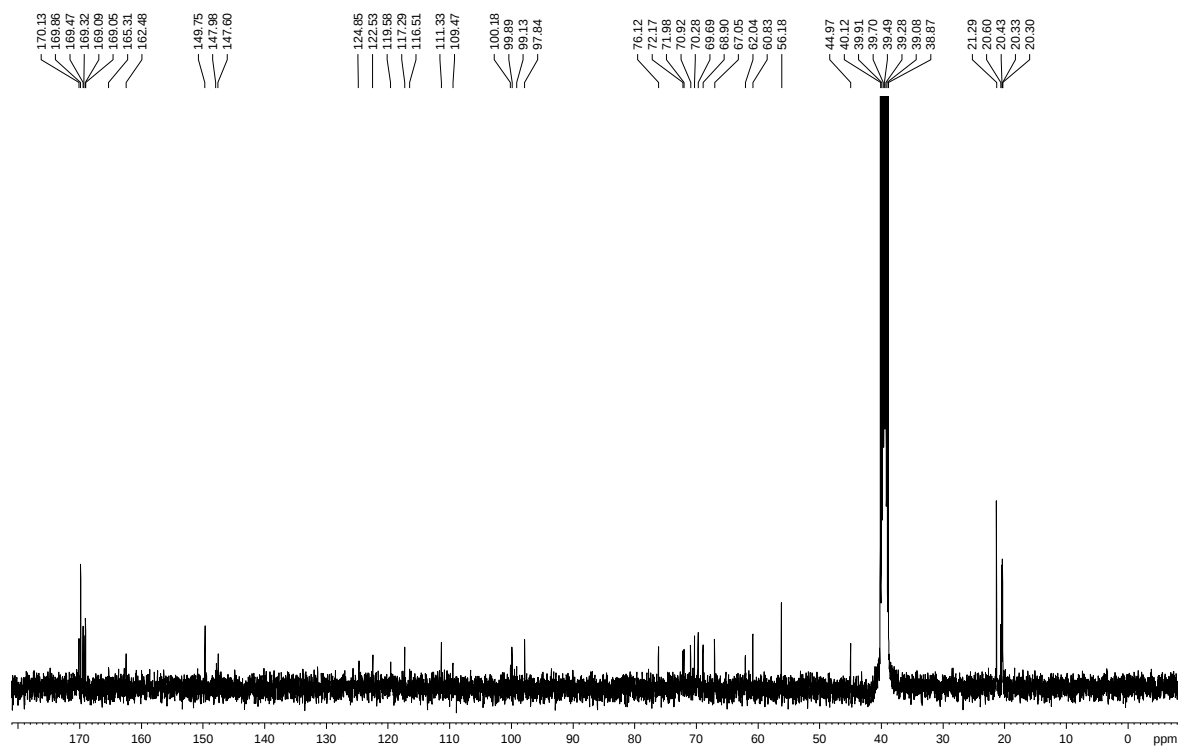


Figure S20. ¹³C NMR spectrum (100 MHz, DMSO-*d*₆) of compound **21**.

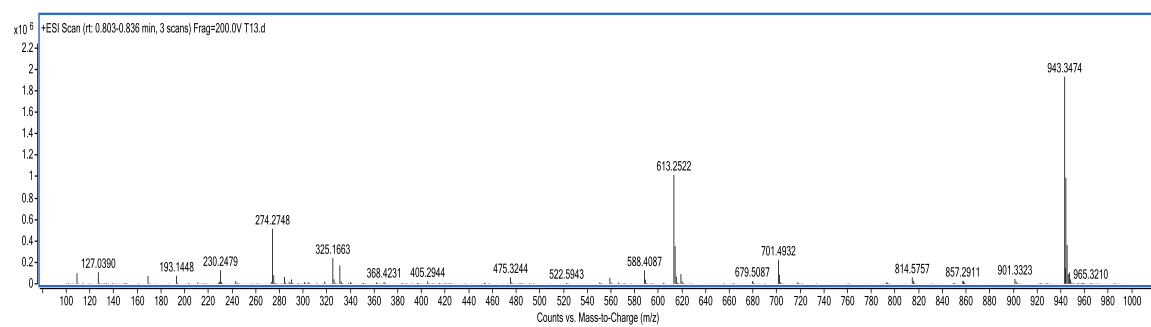


Figure S21. HRMS spectrum of compound **21**.

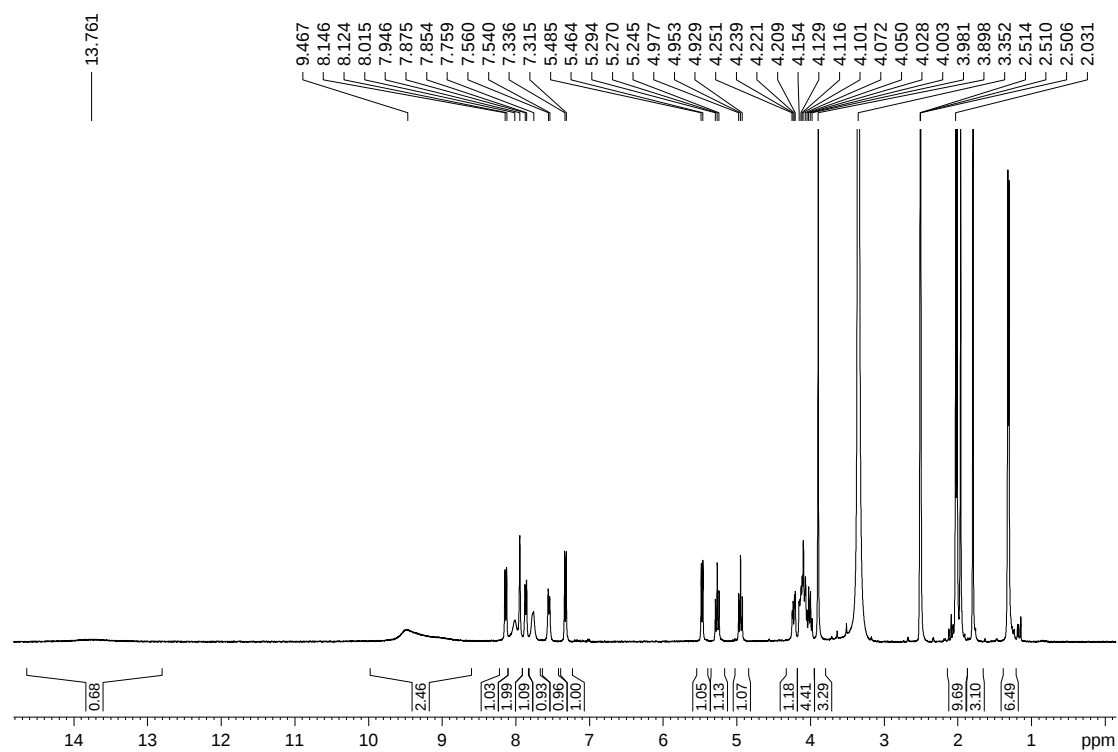


Figure S22. ¹H NMR spectrum (400 MHz, DMSO-*d*₆) of compound 22.

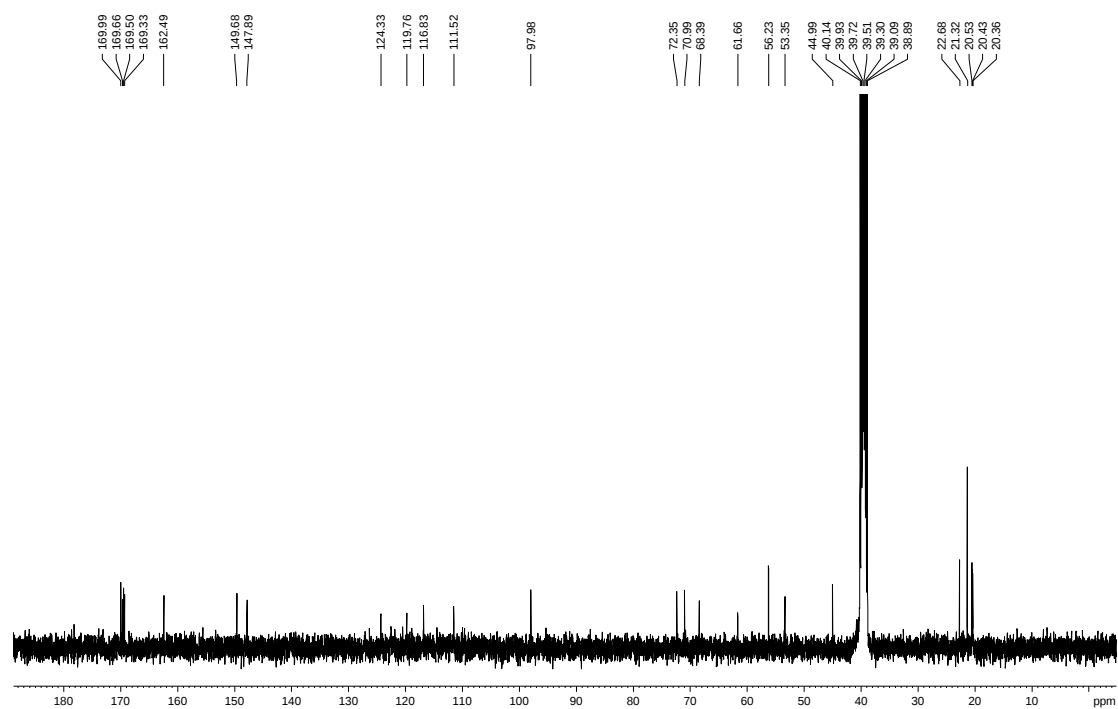


Figure S23. ¹³C NMR spectrum (100 MHz, DMSO-*d*₆) of compound 22.

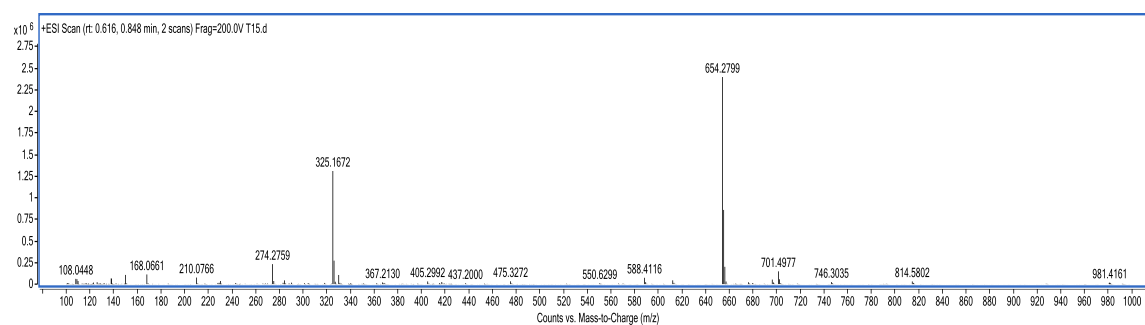


Figure S24. HRMS spectrum of compound **22**.

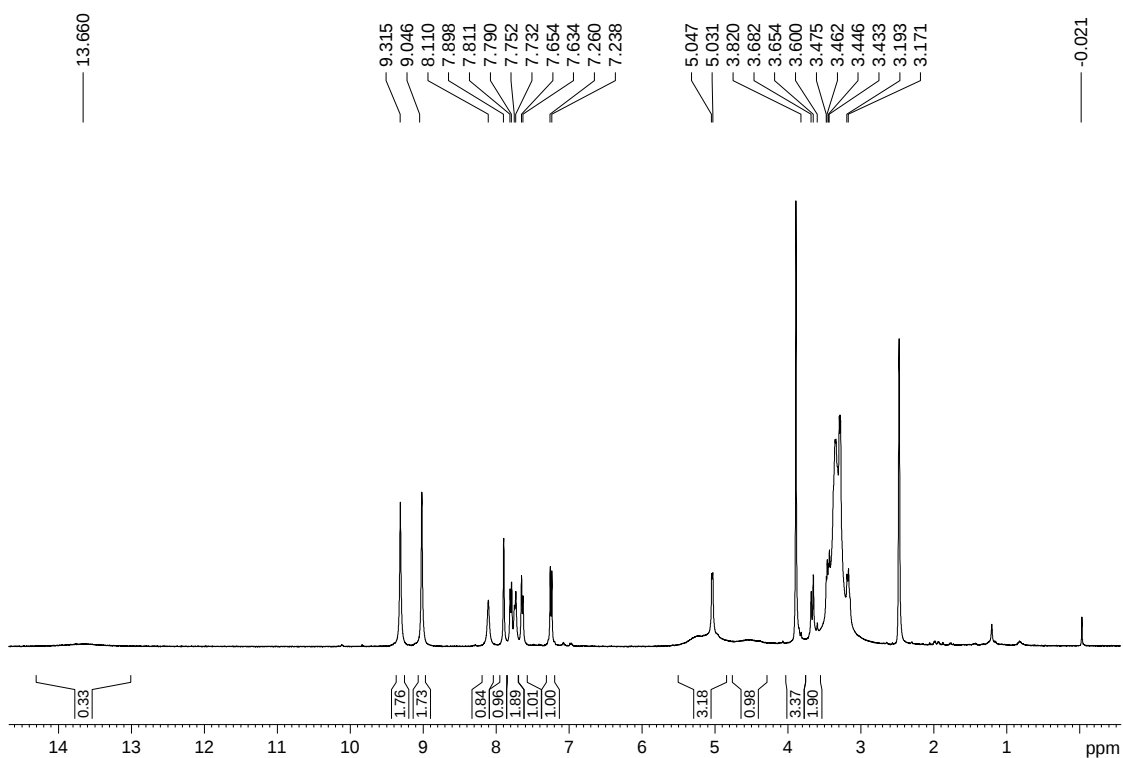


Figure S25. ¹H NMR spectrum (400 MHz, DMSO-*d*₆) of compound **23**.

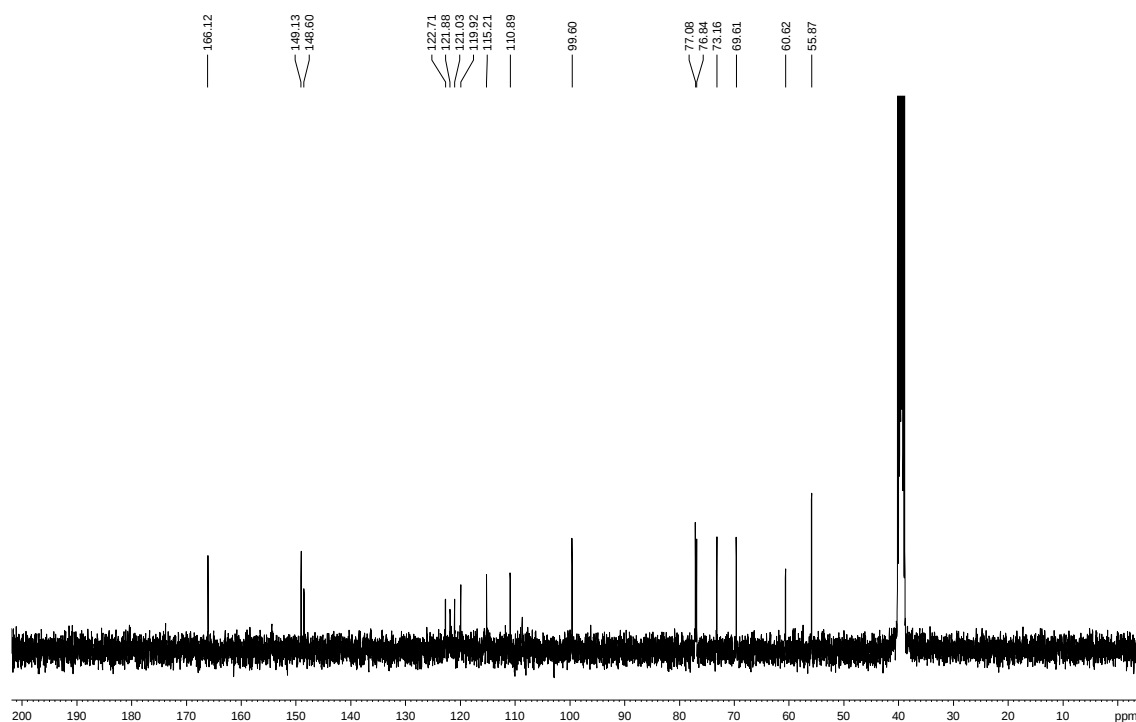


Figure S26. ^{13}C NMR spectrum (100 MHz, $\text{DMSO}-d_6$) of compound **23**.

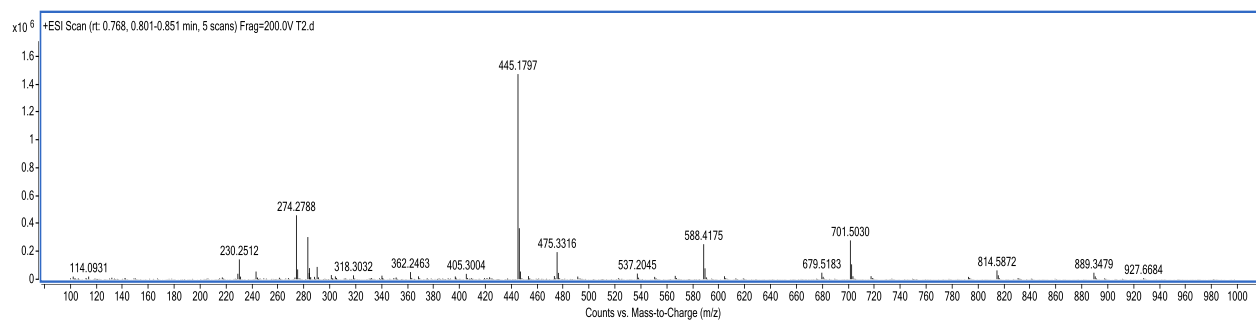


Figure S27. HRMS spectrum of compound **23**.

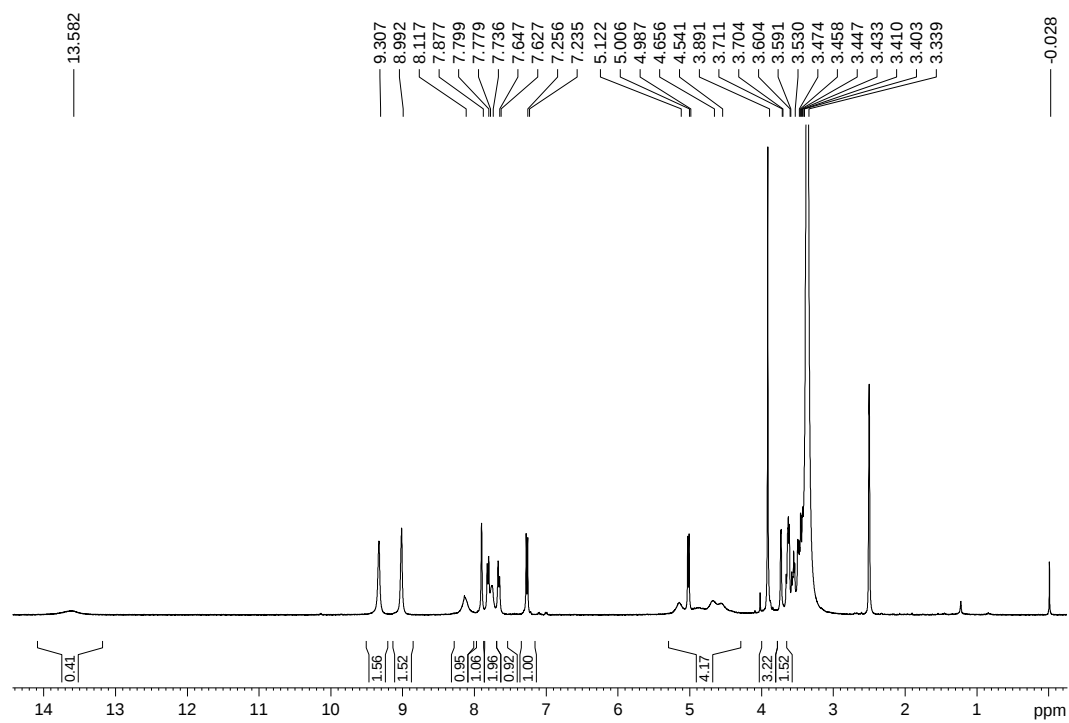


Figure S28. ¹H NMR spectrum (400 MHz, DMSO-*d*₆) of compound **24**.

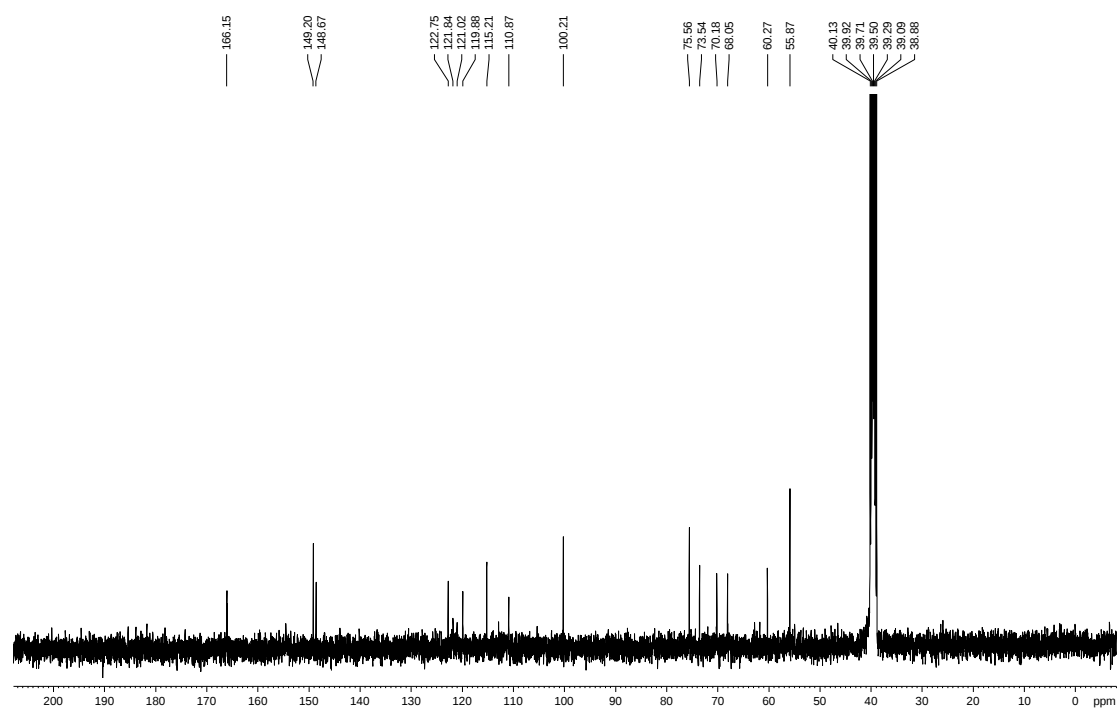


Figure S29. ¹³C NMR spectrum (100 MHz, DMSO-*d*₆) of compound **24**.

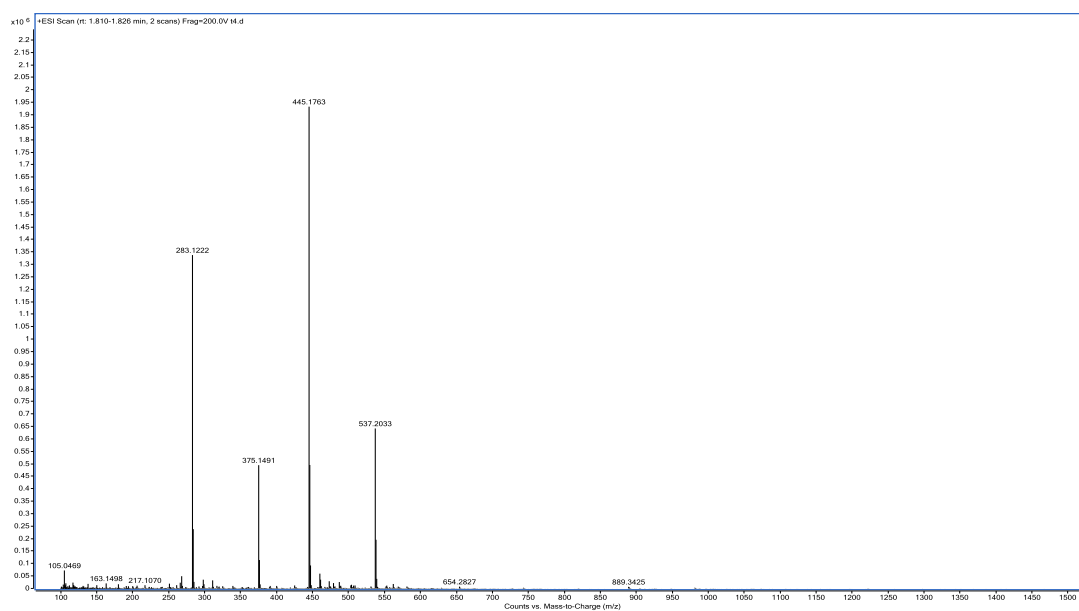


Figure S30. HRMS spectrum of compound 24.

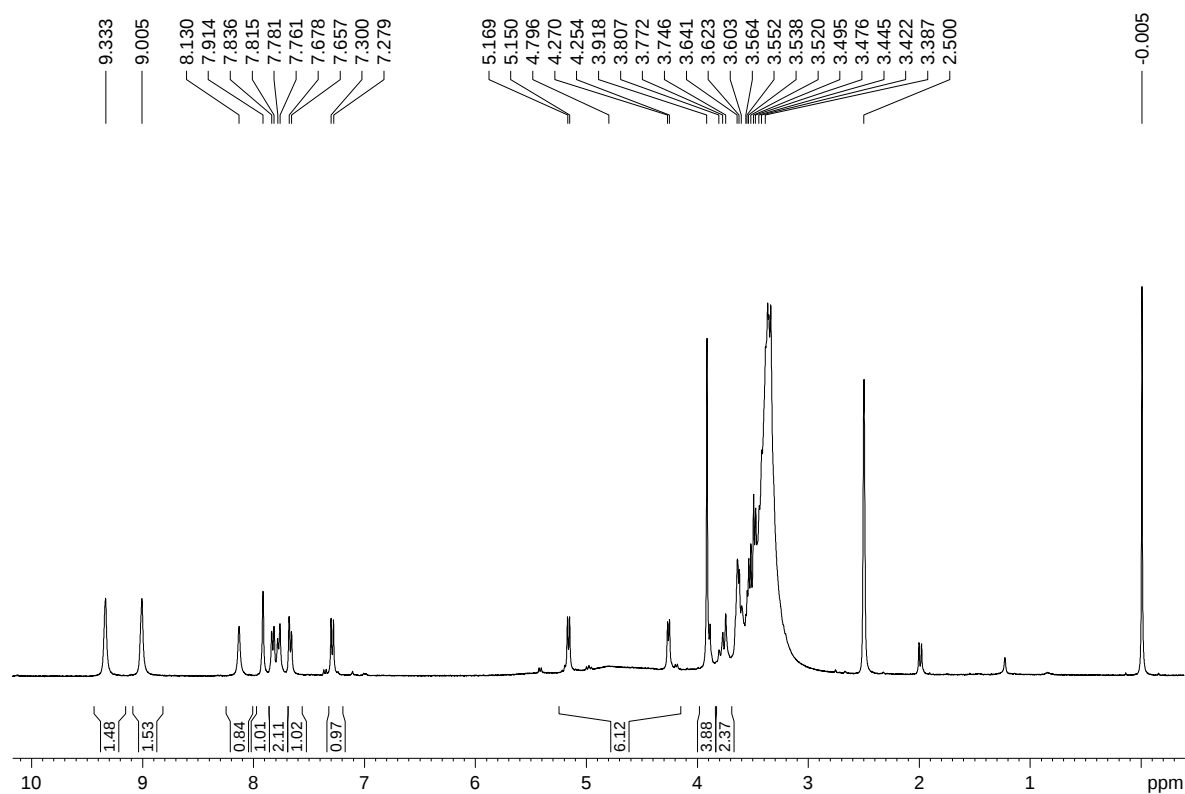


Figure S31. ¹H NMR spectrum (400 MHz, DMSO-*d*₆) of compound 25.

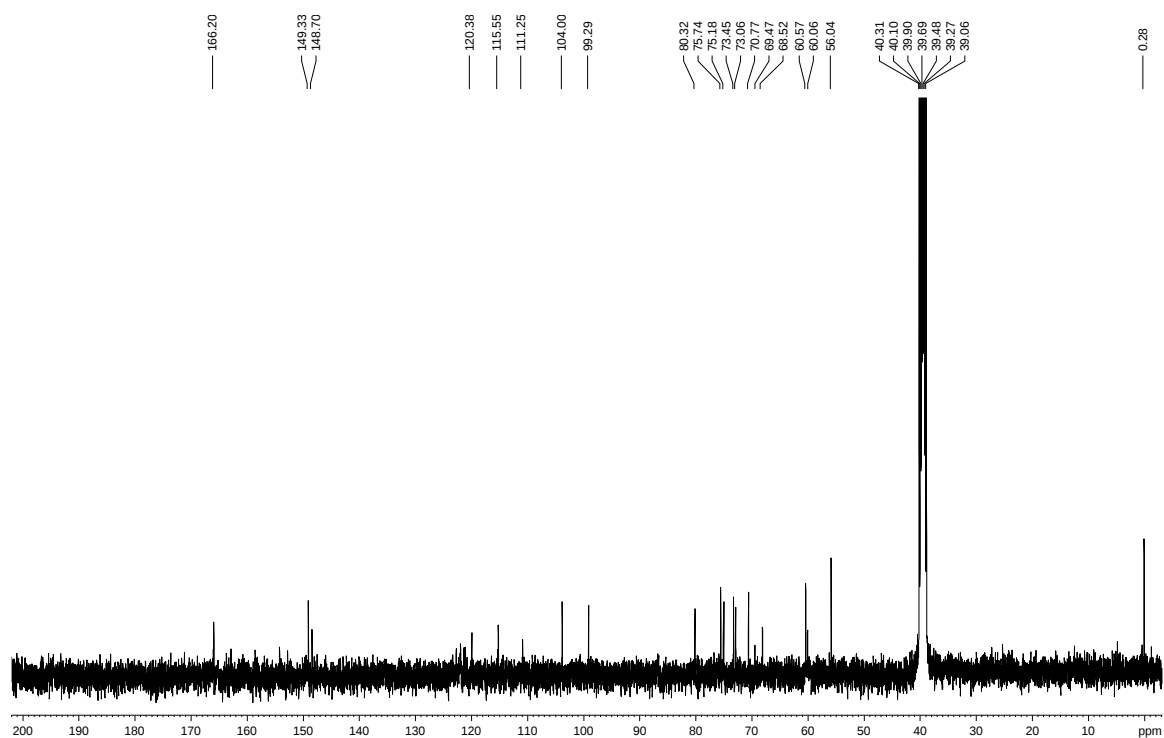


Figure S32. ^{13}C NMR spectrum (100 MHz, $\text{DMSO}-d_6$) of compound 25.

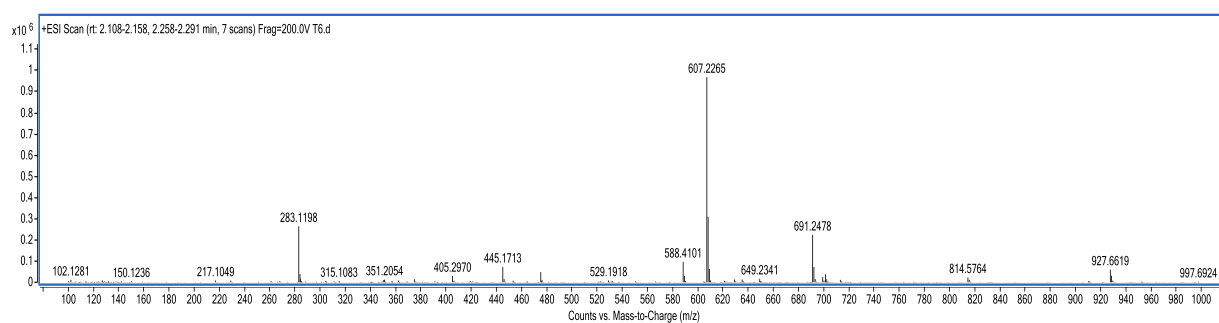


Figure S33. HRMS spectrum of compound 25.

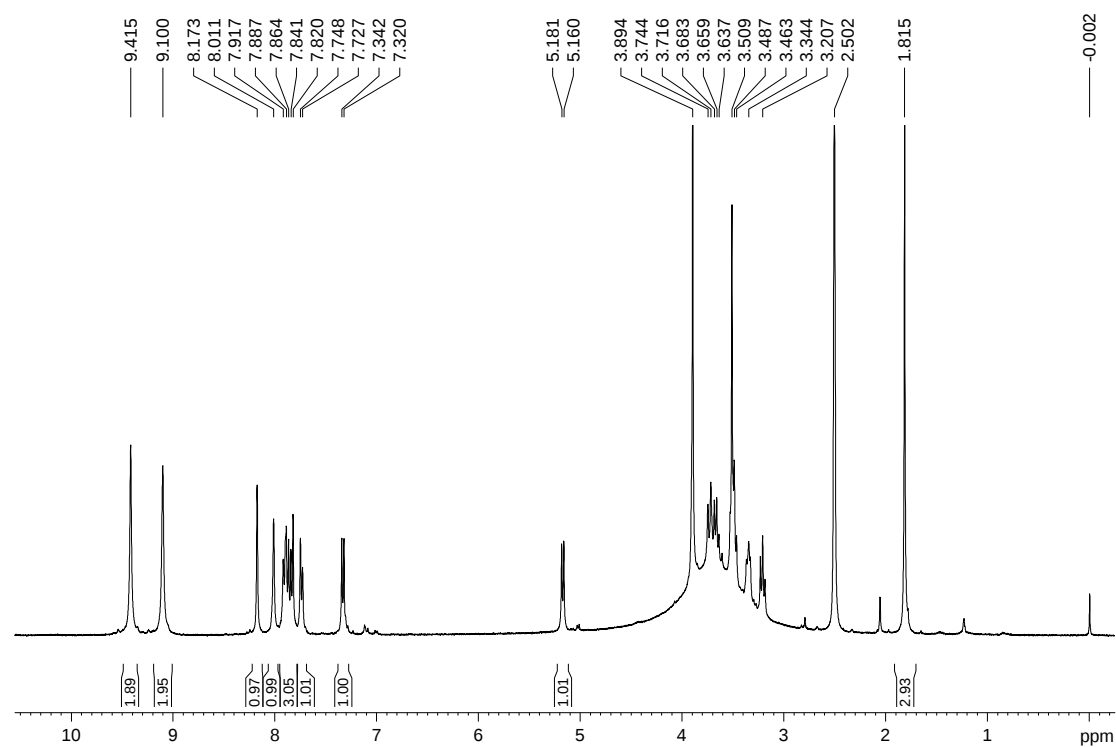


Figure S34. ¹H NMR spectrum (400 MHz, DMSO-*d*₆) of compound 26.

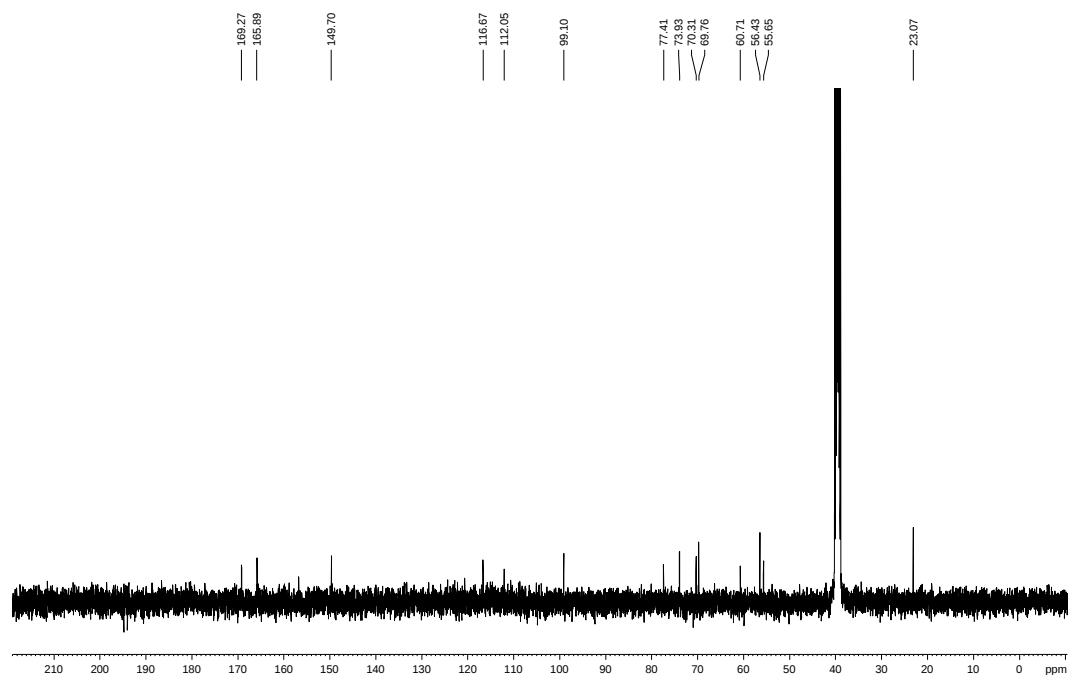


Figure S35. ¹³C NMR spectrum (100 MHz, DMSO-*d*₆) of compound 26.

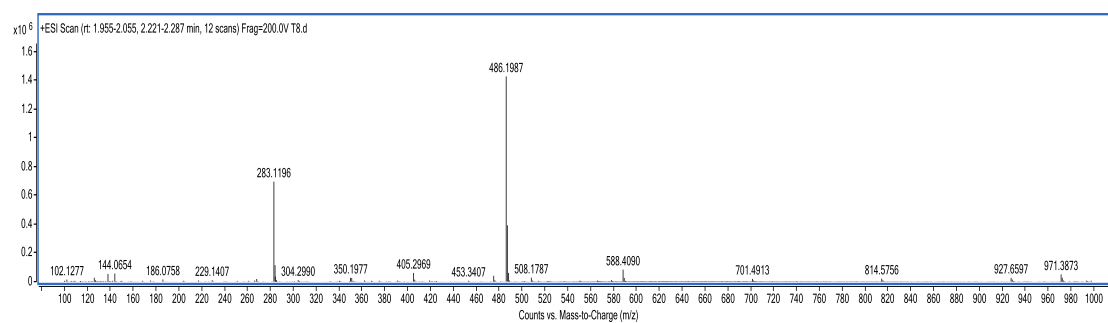


Figure S36. HRMS spectrum of compound 26.

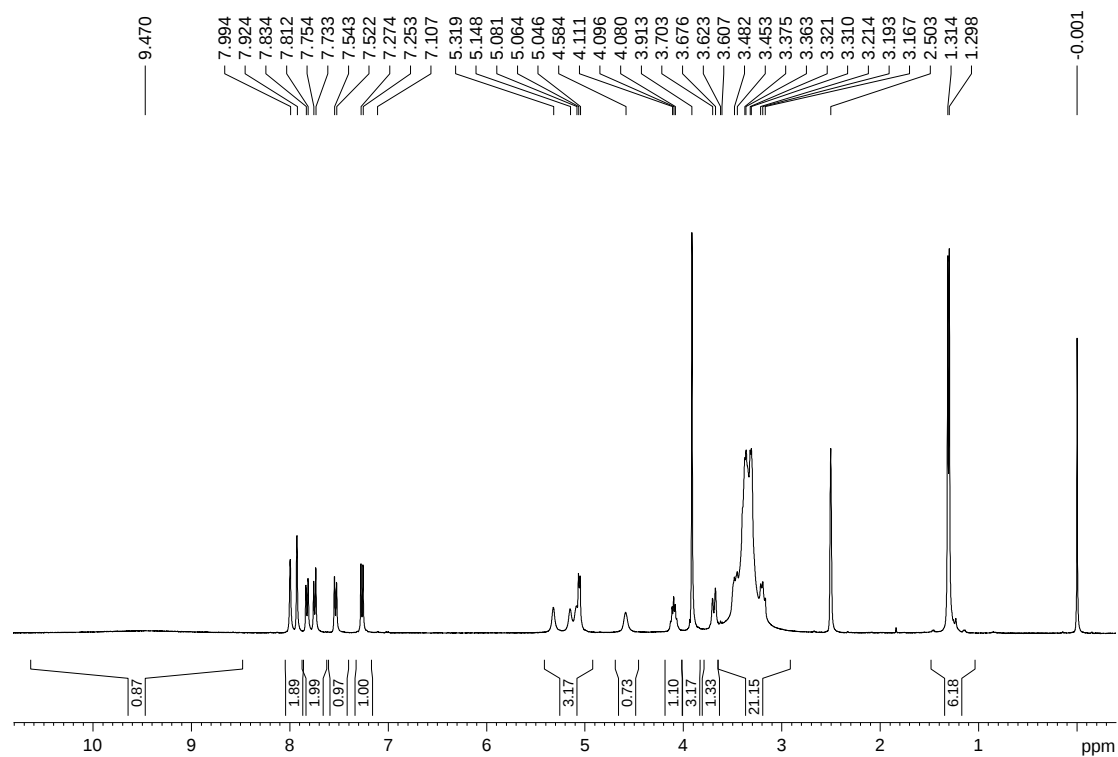


Figure S37. ^1H NMR spectrum (400 MHz, $\text{DMSO}-d_6$) of compound 27.

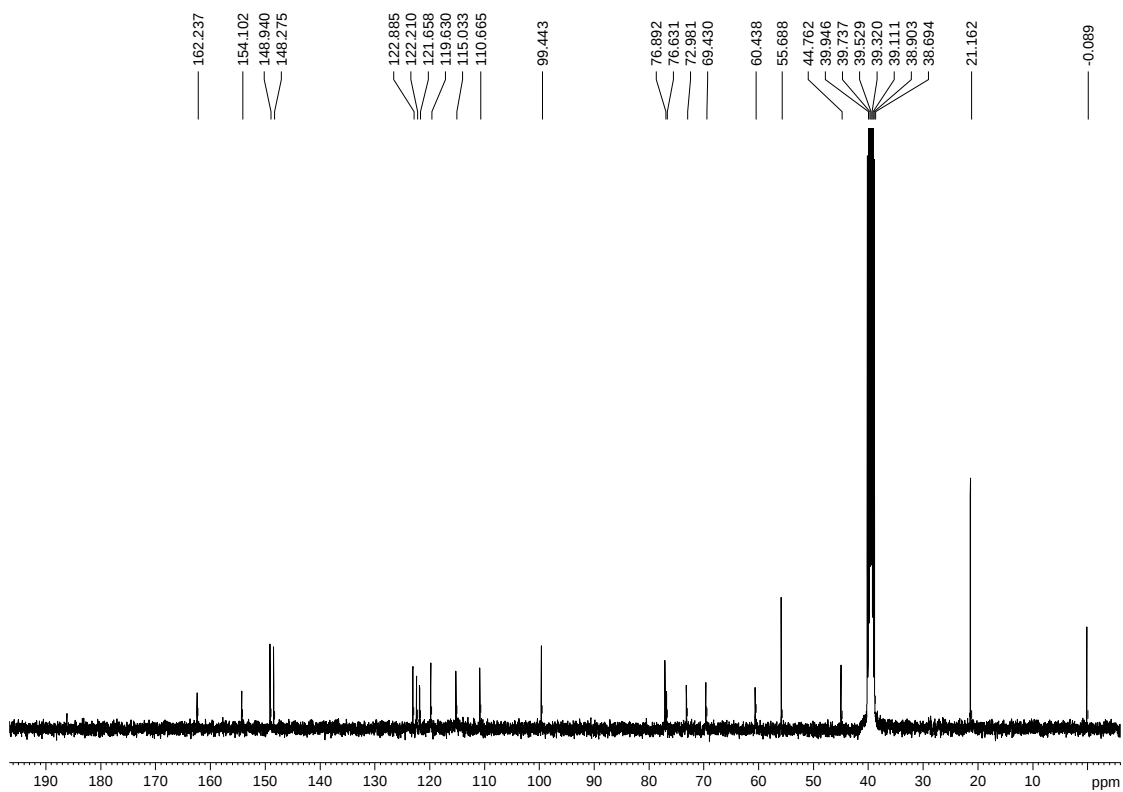


Figure S38. ^{13}C NMR spectrum (100 MHz, $\text{DMSO}-d_6$) of compound 27.

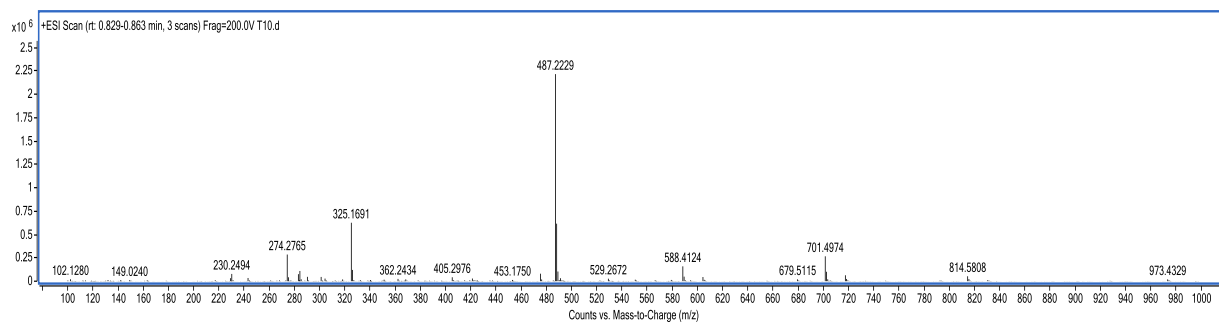


Figure S39. HRMS spectrum of compound 27.

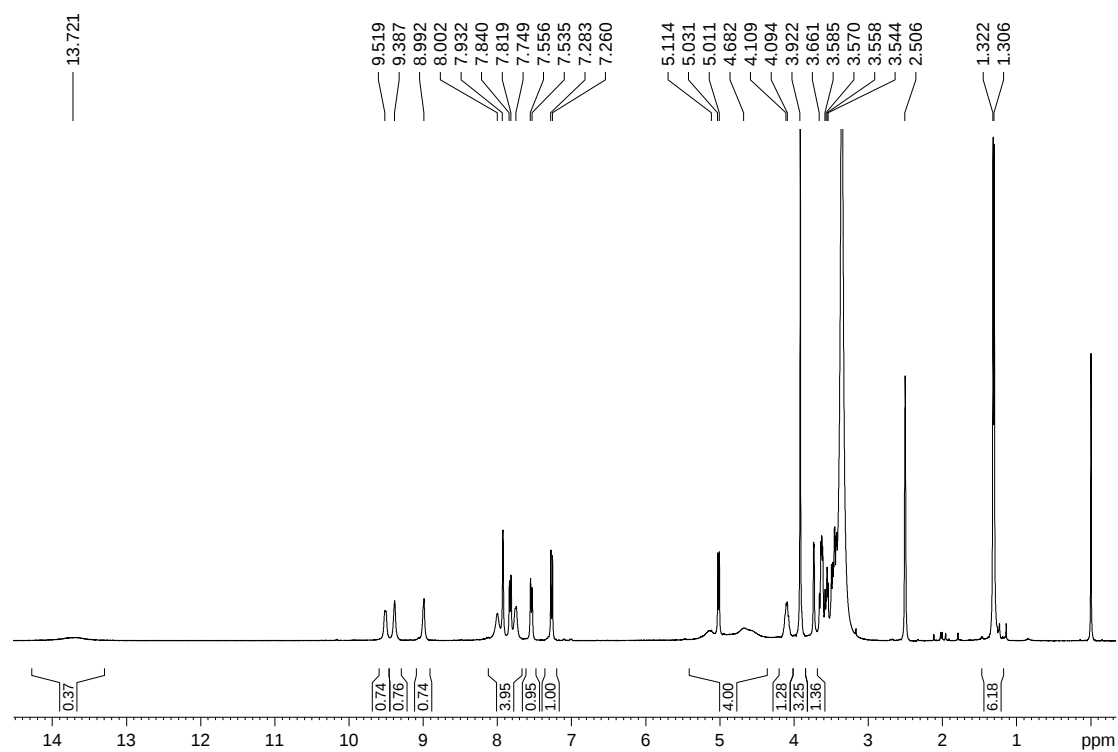


Figure S40. ¹H NMR spectrum (400 MHz, DMSO-*d*₆) of compound **28**.

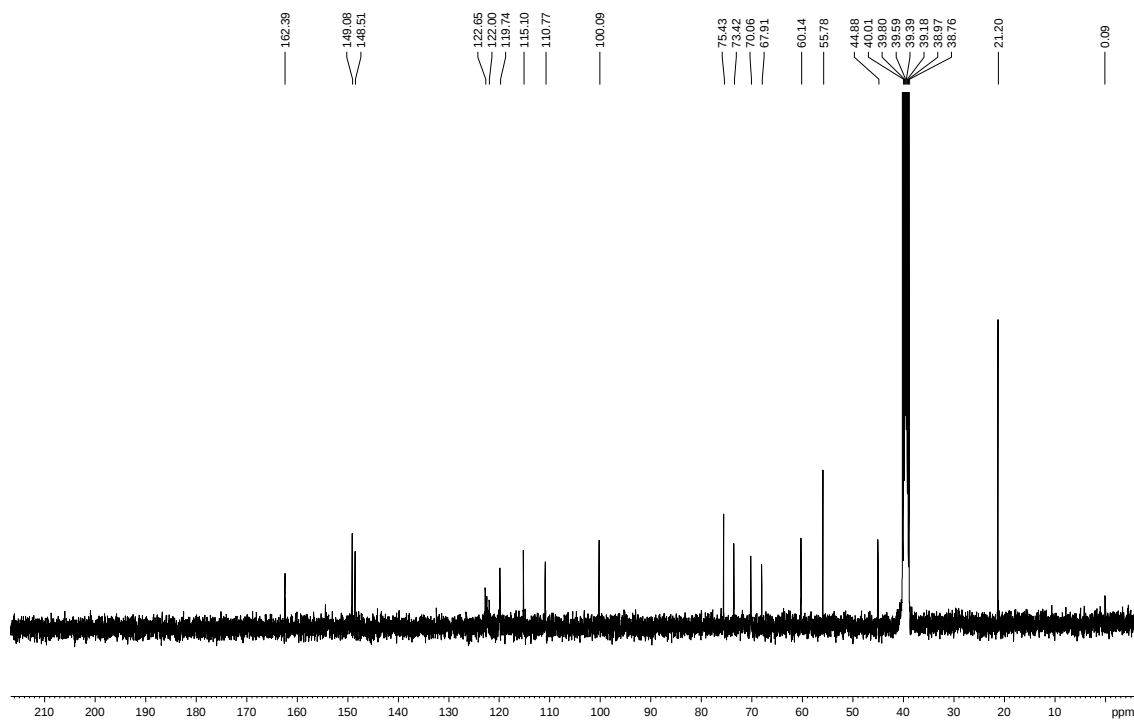


Figure S41. ¹³C NMR spectrum (100 MHz, DMSO-*d*₆) of compound **28**.

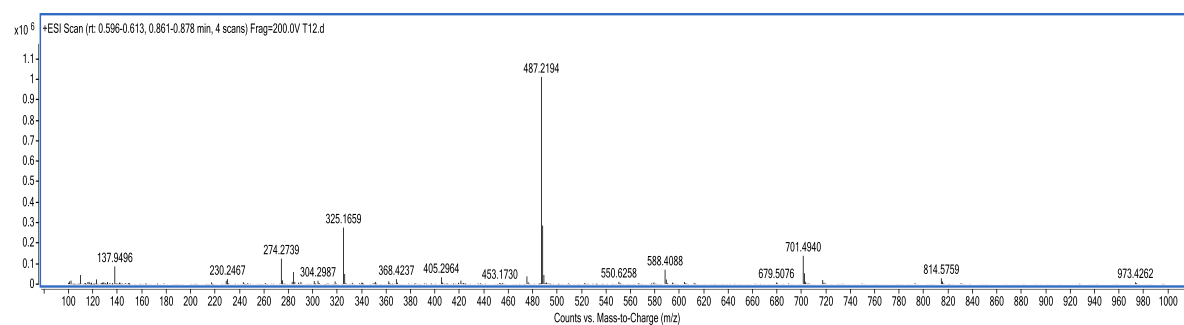


Figure S42. HRMS spectrum of compound 28.

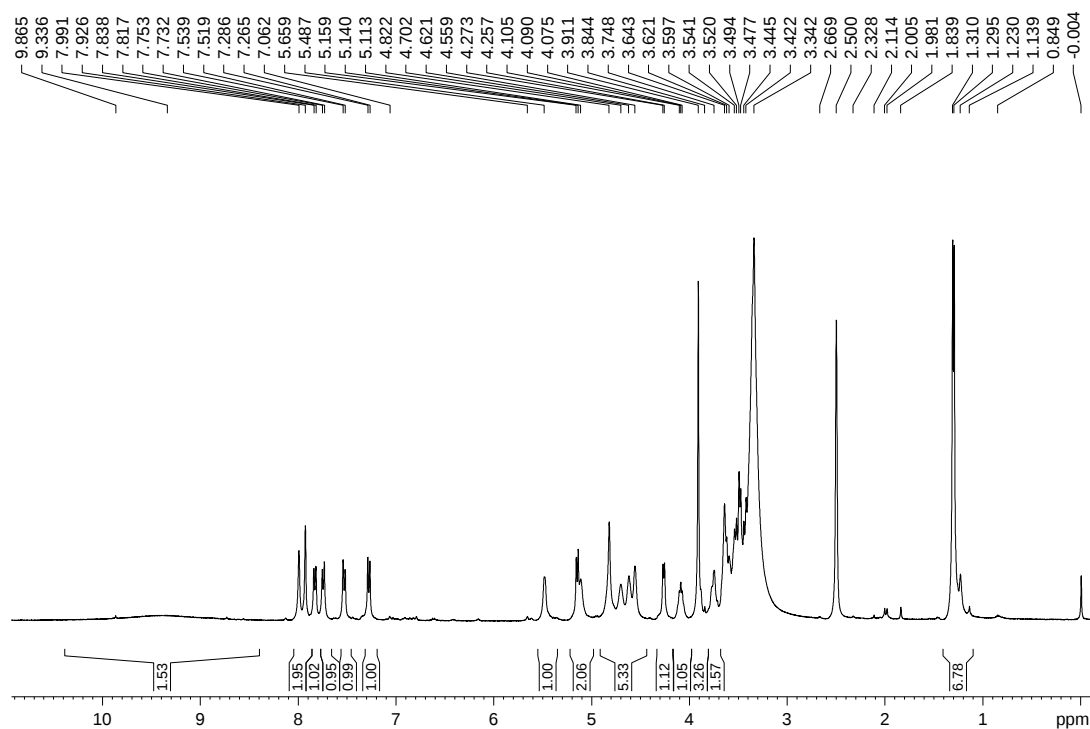


Figure S43. ^1H NMR spectrum (400 MHz, $\text{DMSO}-d_6$) of compound 29.

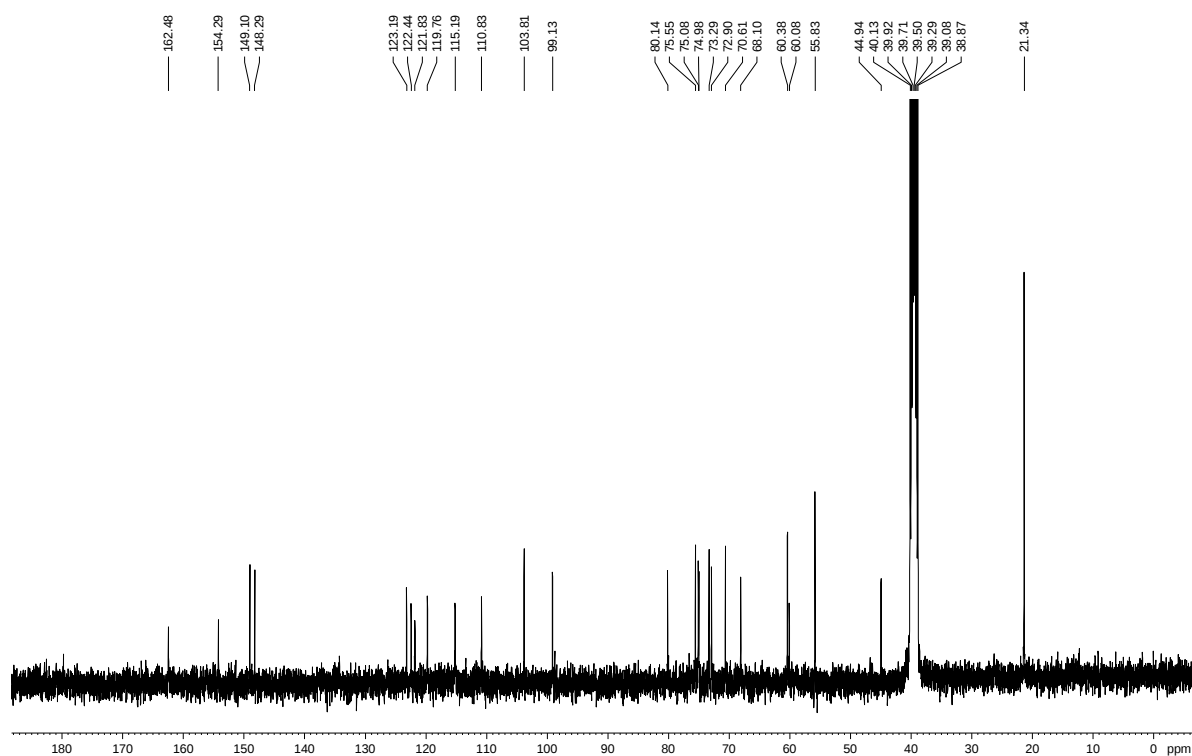


Figure S44. ^{13}C NMR spectrum (100 MHz, $\text{DMSO}-d_6$) of compound **29**.

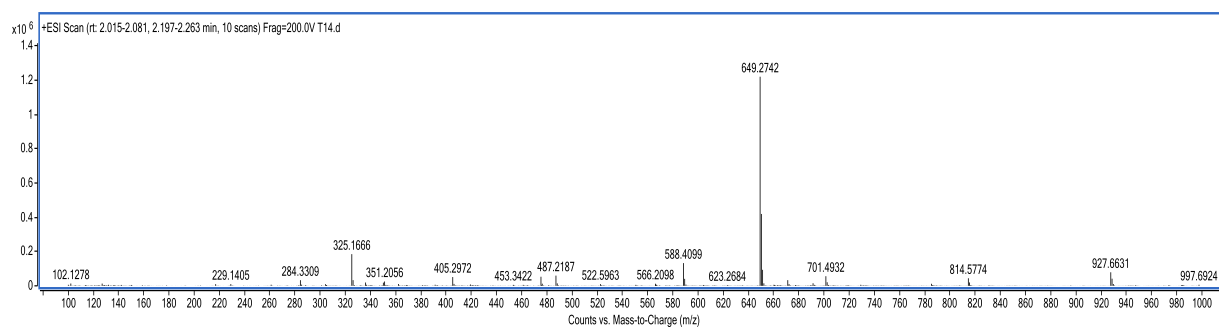


Figure S45. HRMS spectrum of compound **29**.

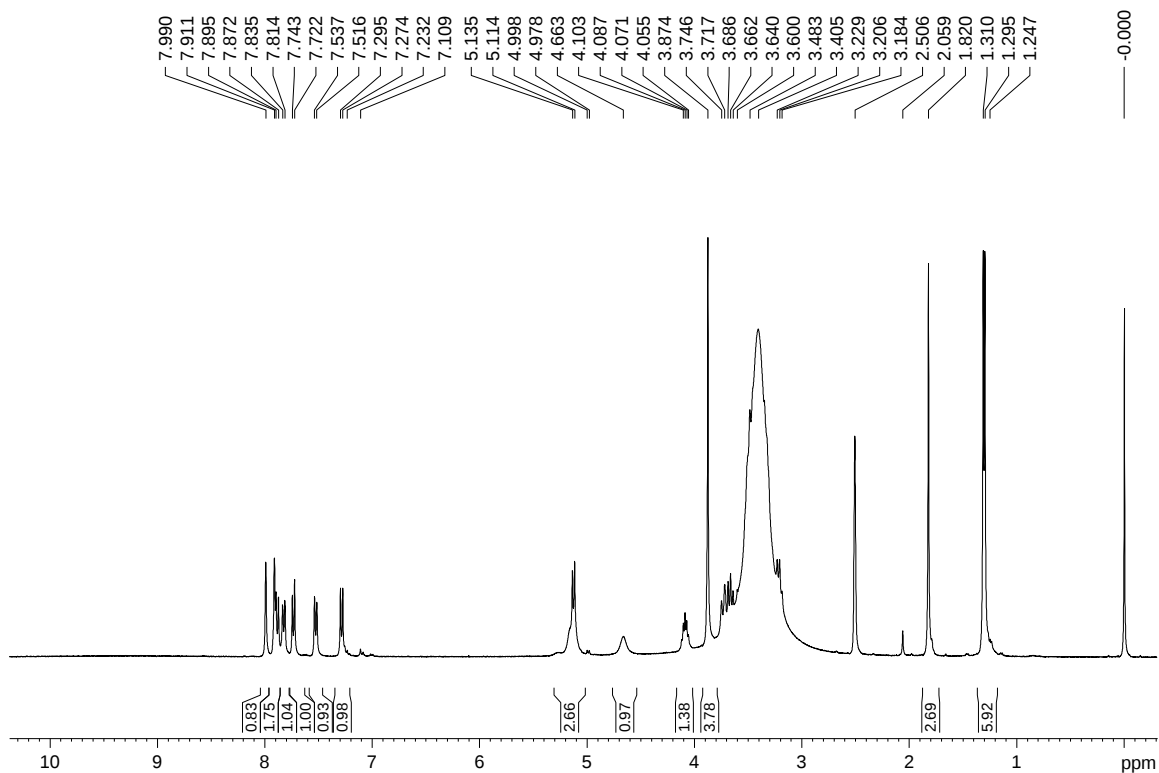


Figure S46. ¹H NMR spectrum (400 MHz, DMSO-*d*₆) of compound **30**.

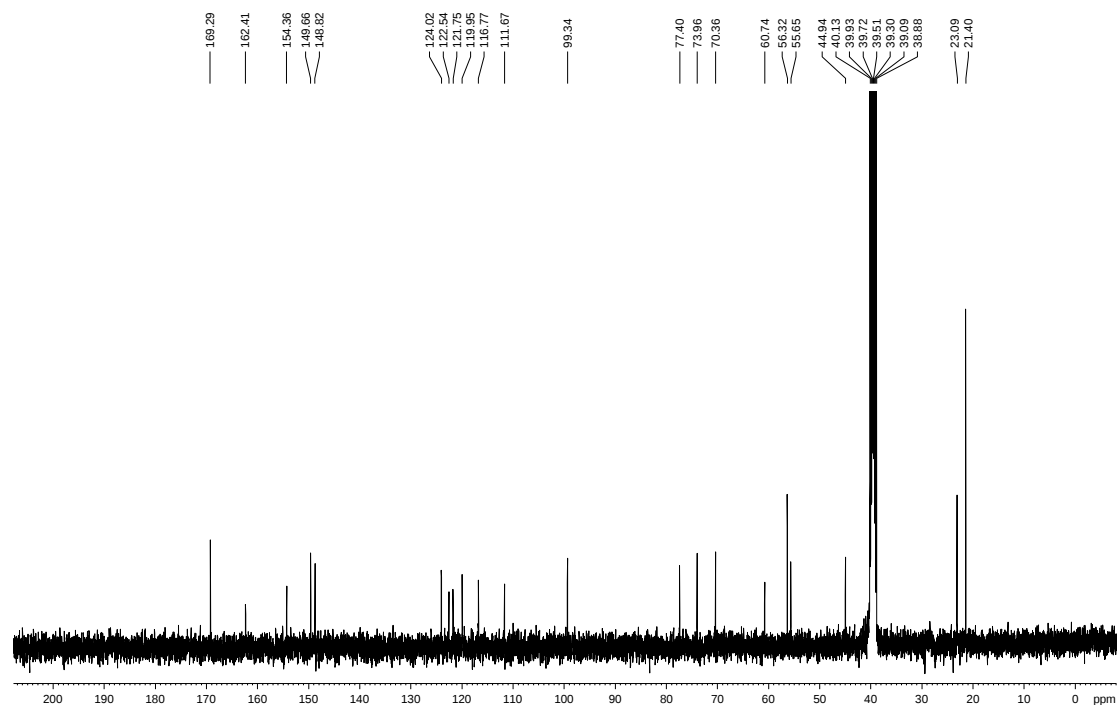


Figure S47. ¹³C NMR spectrum (100 MHz, DMSO-*d*₆) of compound **30**.

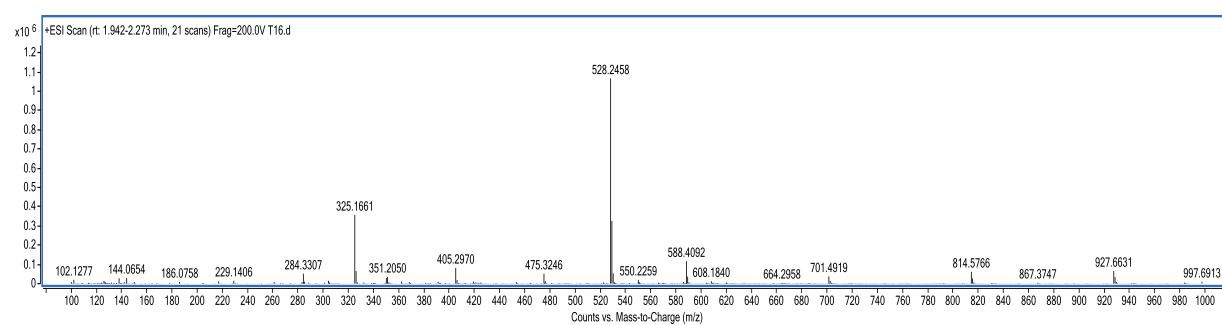


Figure S48. HRMS spectrum of compound **30**.